CLAIMS:

1. Compound suitable for screen-printing containing at least one hybrid sol-gel precursor and cellulose derivative.

2. Compound as claimed in claim 1, characterized in that hydroxypropylmethylcellulose (HPMC) is used as cellulose derivative.

3. Compound as claimed in one of the foregoing claims, characterized in that an organosilane compound containing three alkoxy groups is used as hybrid sol-gel.

4. Compound as claimed in one of the foregoing claims, characterized in that the compound comprises particles.

5. Screen-printed layer, wherein the layer comprises the compound of one of the foregoing claims 1-4.

6. Screen-printed layer as claimed in claim 5, characterized in that the thickness of the layer is situated between 0.5 and 20 micrometer.

7. Screen-printed layer as claimed in claims 5 or 6, characterized in that the layer is a substantially dense layer.

8. Substrate, wherein at least a part of the surface of the substrate is provided with the layer as claimed in one of claims 5-7.

9. Substrate according to claim 8, characterized in that a surface thereof comprises glass, ceramic, plastic or metal.

10. Substrate according to claim 8 or 9, characterized in that it comprises at least part of a domestic appliance.

11. Substrate according to claim 10, characterized in that it comprises at least part of an iron.

12. Substrate according to claim 10, characterized in that it comprises at least part of an apparatus for preparing food and/or beverages.

13. Substrate according to claim 12, characterized in that it comprises a hot plate.

14. Substrate according to claim 8 or 9, characterized in that it comprises architectural glass.